

C1
C024.

- (c) a protein consisting of a fragment of SEQ ID NO:16, wherein said fragment comprises at least 50 contiguous amino acid residues of SEQ ID NO:16.
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53. (Twice Amended) An isolated human, humanized, or chimeric antibody or portion thereof produced by immunizing an animal with a protein selected from the group consisting of:

C2

- (a) a protein whose sequence comprises amino acid residues 1 to 323 of SEQ ID NO:16;
- (b) a protein whose sequence comprises at least 30 contiguous amino acid residues of SEQ ID NO:16; and
- (c) a protein whose sequence comprises at least 50 contiguous amino acid residues of SEQ ID NO:16,
- wherein said antibody or portion thereof specifically binds to the amino acid sequence of SEQ ID NO:16.
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C3

57. (Once Amended) The antibody or portion thereof of claim 19 that specifically binds protein (a).
